

# PATENT COOPERATION TREATY

## PCT

### INTERNATIONAL SEARCH REPORT (PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 702829PCT	<b>FOR FURTHER ACTION</b>	
see Form PCT/ISA/220 as well as, where applicable, item 5 below.		
International application No. PCT/CA2004/001591	International filing date (day/month/year) 03 September 2004 (03-09-2004)	(Earliest) Priority date (day/month/year) 03 September 2003 (03-09-2003)
Applicant INTIER AUTOMOTIVE CLOSURES INC. ET AL		
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.		
This international search report consists of a total of <u>6</u> sheets.		
<p><input checked="" type="checkbox"/> It is also accompanied by a copy of each prior art document cited in this report.</p> <p>1. Basis of the report</p> <p>a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.</p> <p><input type="checkbox"/> the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).</p> <p>b. <input type="checkbox"/> With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.</p> <p>2. <input type="checkbox"/> Certain claims were found unsearchable (See Box II).</p> <p>3. <input checked="" type="checkbox"/> Unity of invention is lacking (See Box III).</p> <p>4. With regard to the title.</p> <p><input checked="" type="checkbox"/> the text is approved as submitted by the applicant.</p> <p><input type="checkbox"/> the text has been established by this Authority to read as follows:</p> <p>5. With regard to the abstract.</p> <p><input checked="" type="checkbox"/> the text is approved as submitted by the applicant.</p> <p><input type="checkbox"/> the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.</p> <p>6. With regard to the drawings,</p> <p>a. The figure of the drawings to be published with the abstract is Figure No. I</p> <p><input checked="" type="checkbox"/> as suggested by the applicant.</p> <p><input type="checkbox"/> As selected by this authority, because the applicant failed to suggest a figure.</p> <p><input type="checkbox"/> As selected by this Authority, because this figure better characterizes the invention.</p> <p>b. <input type="checkbox"/> None of the figures is to be published with the abstract.</p>		

BEST AVAILABLE COPY

**INTERNATIONAL SEARCH REPORT**International application No.  
PCT/CA2004/001591**Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)**

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:
  - a. type of material:  
 a sequence listing  
 table(s) related to the sequence listing
  - b. format of material:  
 in written format  
 in computer readable form
  - c. time of filing/furnishing:  
 contained in the international application as filed  
 filed together with the international application in computer readable form  
 furnished subsequently to this Authority for the purposes of search
2.  In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments:

**BEST AVAILABLE COPY**

**INTERNATIONAL SEARCH REPORT**International application No.  
PCT/CA2004/001591**Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons :

1.  Claims Nos. :  
because they relate to subject matter not required to be searched by this Authority; namely:
  
2.  Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically :
  
3.  Claims Nos. :  
because they are dependant claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box III Observation where unity of invention is lacking (Continuation of item 3 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows :

1. Claims 1 and 2.  
Pertain to an actuator for driving a panel enclosure using power screws driven by a single motor via flexible driving cables.
2. Claims 3-26.  
Pertain to a mechanism for tilting and sliding a panel using a lifter arm driven by an actuator.
  
1.  As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.  As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos. :
  
4.  No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos. :

**Remark on Protest**

The additional search fees were accompanied by the applicant's protest.  
No protest accompanied the payment of additional search fees.

**BEST AVAILABLE COPY**

INTERNATIONAL SEARCH REPORT

International application No:  
PCT/CA2004/001591

Box IV

Text of the abstract (Continuation of item 5 of first sheet)

BEST AVAILABLE COPY

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CA2004/001591

#### A. CLASSIFICATION OF SUBJECT MATTER

IPC(7): B60J-7/043, B60J-7/057, E05F-15/14

#### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(7): B60J-7/043, B60J-7/057, B60J-7/047, B60J-7/05, B60J-7/053, E05F-15/14

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Canadian PD

Electronic data base consulted during the international search (name of data base, and, where practicable, search terms used)

Delphion

### C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4,725,092 (REINTGES ET AL.) 16 February 1988, column 3, line 20 - column 5, line 20	3,7,12,14,15,23,25,26
Y	*column 3, line 20 - column 5, line 20*	10,21
A	*column 3, lines 51-60*	11
Y	US 6,428,091 (ITO ET AL.)	10,21
A	06 August 2002, column 5, lines 24 -36; column 5, line 62-column 6, line 15 *column 5, lines 24 -36; column 5, line 62-column 6, line 15*	12,23
	*figures 2-5*	
Y	US 6,390,544 (MANDERS ET AL.)	10,21
	21 May 2002, column 2, lines 40-46	

Further documents are listed in the continuation of Box C.

Patent family members are listed in annex.

<b>* “A”</b>	Special categories of cited documents : document defining the general state of the art which is not considered to be of particular relevance	“T”	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
<b>“E”</b>	earlier application or patent but published on or after the international filing date		
<b>“L”</b>	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		
<b>“O”</b>	document referring to an oral disclosure, use, exhibition or other means		
<b>“P”</b>	document published prior to the international filing date but later than the priority date claimed	“X”	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
		“Y”	document to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
		“S”	document member of the same patent family

Date of the actual completion of the international-type search  
27 October 2004 (27-10-2004)

Date of mailing of the international-type search report  
26 November 2004 (26-11-2004)

Name and mailing address of the ISA/  
*Commissioner of Patents*  
*Canadian Patent Office - PCT*  
*Ottawa/Gatineau K1A 0C9*  
Facsimile No. 1-819-953-9358

**Authorized officer**

Robert Gruber (819) 953-1889

# INTERNATIONAL SEARCH REPORT

## Information on patent family members

International application No.  
PCT/CA2004/001591

Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
US4725092	16-02-1988	DE3529118 C1 US4725092 A	25-01-1990 16-02-1988
US6428091	06-08-2002	JP2001199245 A US6428091 B2	24-07-2001 06-08-2002
US6390544	21-05-2002	DE60003287 D1 DE60003287 T2 EP1150852 A1 JP2002536236 T NL1011251 C2 US6390544 B1 US6631944 B1 WO0047435 A1	17-07-2003 06-05-2004 07-11-2001 29-10-2002 10-08-2000 21-05-2002 14-10-2003 17-08-2000